Index of Claims

| Application/Contr |
|-------------------|
|-------------------|

10/713,853

Applicant(s)/Patent under Reexamination

BROWN, CHRISTOPHER LYNN TYCHO

Art Unit Examiner

Gregory P. Hein

2188

Rejected Allowed

| _ | (Through numeral) Cancelled | | | | | | |
|---|--------------------------------|--|--|--|--|--|--|
| ÷ | Restricted | | | | | | |

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | 1 | | | | | | | | | | | | | _ | | | _ |
|--------------|----------|----------|------------|--------------|--|-------------------------------------|----------|--------------|----------|----------|-----|----------|----------|----------|----------|----------|---|
| Cla | im | | | | Ç | ate | | | _ | | | Cla | im | | | | |
| Final | Original | 1/6/06 | į | | | | | | | | | Final | Original | | į | | |
| | 1 | 1 | \neg | | \neg | | | | | | [| | 51 | | \Box | | |
| | 2 | 1 | | \Box | \Box | | | | | | | | 52 | | | | _ |
| , | 3 | 7 | | | | | | | | | | | 53 | | \perp | | _ |
| | 4 | 7 | | | | | | | \perp | | - 1 | | 54 | _ | 4 | _ | |
| | 5 | 1 | | | _ | | | | _ | _ | ļ | | 55 | _ | _ | | |
| | 6 | 1 | | | _ | _ | | _ | _ | | ļ | | 56 | _ | 4 | 4 | |
| | 7 | 7 | _ | _ | | _ | | | 1 | _ | | | 57 | _ | _ | -1 | _ |
| | 8 | 1 | _ | | - | _ | | | | 4 | ŀ | | 58 | \dashv | | - | _ |
| | 9 | 1 | | _ | _ | \dashv | _ | \dashv | - | | - } | | 59 | - | - | | _ |
| | 10 | 7 | \dashv | 4 | | \dashv | _ | \dashv | | \dashv | - 1 | _ | 60 | - | | | _ |
| | 11 | 1 | | - | - | \vdash | | -1 | \dashv | \dashv | ŀ | | 61 62 | - | | - | _ |
| | 12 13 | 7 | | \dashv | \dashv | | | - | \dashv | | ŀ | | 63 | ┥ | | | _ |
| | 14 | 1 | | | - | - | | \dashv | | \dashv | ł | _ | 64 | \dashv | \dashv | \dashv | _ |
| | 15 | 1 | - | 1 | \dashv | - | | \vdash | | | ŀ | | 65 | + | -1 | \dashv | _ |
| <u> </u> | 16 | 1 | - | | \dashv | | | Н | | ᅱ | ŀ | | 66 | 一 | \neg | \dashv | |
| | 17 | V | | | | | | | - | \dashv | 1 | | 67 | | \dashv | | Т |
| | 18 | V | | | | | | | | | | | 68 | T | | | Т |
| | 19 | 1 | | | | | | П | | П | | | 69 | | \neg | П | Г |
| | 20 | 1 | Н | | - | | \vdash | | | | İ | | 70 | \neg | ヿ | | |
| | 21 | 1 | | | _ | | _ | П | | | | | 71 | | | | |
| | 22 | 0 | | | | | | | | | | | 72 | | | | L |
| | 23 | 1 | | | | | | | | | | | 73 | | | | |
| | 24 | 1 | | | | | | | | | ļļ | | 74 | | | | L |
| | 25 | 0 | | | | | | | | | | | 75 | | | | L |
| | 26 | 1 | | | | | _ | _ | | | | | 76 | | _ | | L |
| | 27 | 0 | | | | <u> </u> | <u> </u> | | | L | | | 77 | | _ | _ | L |
| | 28 | 0 | | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | _ | | | | | 78 | \dashv | | | L |
| | 29 | 0 | _ | _ | | <u> </u> | <u> </u> | _ | | _ | | | 79 | - | | - | ┞ |
| | 30 | 1 | <u> </u> | | | <u> </u> | | | - | <u> </u> | | | 80 81 | \vdash | _ | | ┞ |
| L | 31 | 0 | - | <u> </u> | | ├ | ⊢ | ⊢ | H | | | | 82 | \vdash | _ | H | ┝ |
| | 32 | 0 | <u> </u> | \vdash | \vdash | <u> </u> | - | ├ | \vdash | ⊢ | | | 83 | - | _ | H | ╁ |
| - | 33 | 0 | - | - | | ┢ | \vdash | ├ | - | - | | | 84 | \vdash | _ | | ╁ |
| | 35 | 6 | - | | | - | ├ | ├ | ┝ | - | l | | 85 | | | _ | t |
| <u> </u> | 36 | V | - | | | ┢ | \vdash | ╁ | | - | | | 86 | | _ | _ | t |
| | 37 | Ö | \vdash | \vdash | _ | 1 | _ | t | - | | | | 87 | | | | T |
| | 38 | +- | | | | | _ | t | | | 1 | | 88 | | | | Γ |
| | 39 | 1 | | Τ | | | | | | | | | 89 | | | | Γ |
| | 40 | | | | | | | | | | | | 90 | | | | L |
| | 41 | Ι. | <u> </u> | | | | L. | L | | <u> </u> | | | 91 | | _ | <u>L</u> | L |
| | 42 | | | <u> </u> | L | <u> </u> | \perp | L | | L . | Į | <u> </u> | 92 | <u> </u> | <u> </u> | <u> </u> | L |
| <u></u> | 43 | <u> </u> | <u> </u> | | <u> </u> | _ | <u> </u> | | _ | <u> </u> | ļ | | 93 | <u> </u> | <u> </u> | | ╀ |
| <u> </u> | 44 | - | - | ├ | _ | - | \vdash | - | | \vdash | 1 | <u> </u> | 94 | \vdash | - | ⊢ | ╀ |
| - | 45 | ┼- | - | | \vdash | | - | - | - | ⊢ | ł | <u> </u> | 95 96 | \vdash | ├ | ⊢ | H |
| - | 46 | ₩ | ┼ | ├ | ⊢ | +- | \vdash | ╁ | \vdash | \vdash | 1 | \vdash | 97 | ⊢ | ├- | \vdash | t |
| - | 47 | +- | ╁ | - | - | \vdash | ╁╴ | \vdash | \vdash | ┈ | 1 | \vdash | 98 | \vdash | \vdash | \vdash | t |
| - | 49 | ╁ | ╁ | \vdash | \vdash | 1 | 1 | ╁ | \vdash | \vdash | 1 | | 99 | - | \vdash | \vdash | t |
| _ | 50 | +- | 1- | ╁╴ | | 1 | t^{-} | \vdash | \vdash | T | 1 | | 100 | I^- | | \vdash | t |
| 1 | 1 22 | | | | | | 4 | | | | | | | _ | • | _ | - |

| Cla | im | | | | C | Date | • | | | |
|----------|----------------|---|-------|--------------|------------------|----------|---------|----------|----------|---------|
| | | | | | | | | | | |
| <u>ā</u> | Original | 1 | | | | | | | | |
| Final | į | | | | | | | | | |
|] _ | 0 | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | _ | | | \vdash | | | | | |
| | 53 54 55 | | | | | | | | | |
| | 54 | | _ | | | | | | | |
| | 55 | | | | | | | | | |
| - | 56 | | | | \vdash | | _ | | | |
| | 57 | | | | \vdash | | _ | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | Г | Г | | | | |
| | 60 | | | Г | | | | | | |
| | 61 | | | | Г | T | | Г | | П |
| | 62 | | | T | Γ | Г | Г | | | П |
| | 63 | | I^- | | Г | | | | | |
| | 64 | | | 1 | | Π | Г | _ | | |
| | 64 65 | | | | | Г | | Γ | | |
| | 66 | | T | | | | | Г | | |
| | 67 | - | | | T | Π | Г | | Π | |
| | 68 | | | | | Ī | | Π | Г | |
| | 69 | | | Π | | | | | | Г |
| | 69 70 | | | | İ | | | | Π | |
| | 71 | | | | | T | | | | |
| | 72 | Г | | 1 | | | | | | Г |
| | 73 | | 1 | T | Т | Г | Γ | | | \Box |
| | 72 73 74 | _ | | | T | | 1 | Г | | Г |
| | 75 | | | | | | | | | |
| | 75 76 | | | T | Т | 1 | | Г | | |
| | 77 | | Π | T | T | | | T | T | |
| | 78 | | T | | 1 | | П | П | | |
| | 78 79 | | | | Π | | Π | | | |
| | 80 | Г | | T | 1 | T | Π | | П | |
| | 81 | | Π | Τ | | | | Τ | | |
| | 82 | | Τ | | | | Г | Г | | |
| | 83 | Γ | Т | | \top | | Π | П | L | |
| | 84 | | Τ | 1 | Ī | 1. | | | | |
| | 85 | Г | | Γ | | | | | Γ | |
| | 86 | | | | \Box | | | Γ | | |
| | 87 | | | | | 1 | | Γ | | |
| | 88 | | | | Ι | | | | | |
| | 89 | | | | \mathbf{L} | | | | | |
| | 90 | Γ | | Γ | \mathbf{I}^{-} | \prod | | | | |
| | 91 | | | | | Ι | L | | | |
| | 92 | Γ | | | Γ | | L^{T} | | | |
| | 93 | Г | | | Γ | I^- | L | L | L | |
| | 94 | Γ | T | | | | Г | | | |
| | 95 | | Τ | Ι | | Π | | Γ | Γ | \prod |
| | 96 | Π | Τ | Ι | | Γ | | Γ | | |
| | 97 | Г | Τ | Т | T | T | | Π | | |
| | 98 | | Τ | Τ | | | | | Ι | Γ |
| | 99 | 1 | Τ | Τ | Τ | T | | Τ | Γ | |
| | 100 | | Ι | $oxed{\Box}$ | Γ | | | | | |

| Cla | aim | | | _ | | ate | - | | | |
|----------|---------------------------------|--------------|----------|--------------------------------|----------|----------|--------------|----------------|----------|--------------|
| | | | | . 1 | ΠĪ | | | | | 一 |
| Final | Original | | | | | | | | | |
| | 101 | | | | | - | | | | |
| | 101 102 | | | | | | | | | |
| | 1N3 | | | | | | | | | |
| | 104 105 | | | | | | | | | _ |
| | 105 | | | | | | | | | |
| | 106 | _ | | | | _ | \vdash | | _ | \dashv |
| | 107 108 | | | - | _ | _ | _ | | | \vdash |
| | 109 | | _ | \vdash | | \vdash | | | - | \vdash |
| | 110 | \vdash | _ | H | - | ┢ | | - | | |
| • | 111 | | _ | | \vdash | \vdash | | | | |
| | 112 | | | ┢ | | T | | | | |
| | 113 | | | | | | , | | | |
| | 112 113 114 | | | | | | | | | |
| | 115 116 117 118 119 | | | | L_ | L | <u> </u> | | _ | |
| | 116 | _ | <u> </u> | <u> </u> | _ | <u> </u> | L | _ | <u> </u> | |
| | 117 | | _ | ┡ | _ | <u> </u> | <u> </u> | <u> </u> | ├— | _ |
| | 118 | <u> </u> | L | ├- | <u> </u> | ⊢ | | - | ⊢ | - |
| | 119 | | ⊢ | ├- | 1 | ├ | ┢ | H | - | |
| _ | 121 | \vdash | ⊢ | ┢ | ┢ | ├- | ╁ | \vdash | ╁╌ | - |
| | 120 121 122 | ┢ | H | \vdash | ╁ | | ┢╌ | ╁╴ | | - |
| | 123 | t | ┰ | 一 | 1 | t | t | 一 | 1 | |
| | 123 124 125 | t⊤ | Γ | T | T | T | Ī | | | Г |
| | 125 | | | | | | | | | |
| | 126 | | | | | | | | L | |
| | 126 127 128 129 130 | L | ┖ | 1_ | L | | <u> </u> | <u> </u> | L | L_ |
| | 128 | Ļ | ┖ | ┞- | ļ | ┞ | <u> </u> | ļ | 1 | <u> </u> |
| | 129 | | 1 | ļ | ⊢ | ├ | | - | - | ├- |
| | 130 | - | ├ | ╁ | - | - | ⊨ | ┡ | ⊢ | ┝ |
| | 131 132 | ╀╌ | ┝ | ╁ | - | + | ┢ | ╁╌ | ╁ | ⊢ |
| | 133 | ┼ | ┢ | ╁ | ╌ | ╁╴ | ┢ | - | ┼- | \vdash |
| | 134 | ╁ | ╁ | ╁ | t | ╁╌ | \vdash | H | ╁ | ╁╌ |
| | 134 135 136 | t | Ι- | t | \vdash | 1- | T | T | ऻ | T |
| | 136 | T | ┢ | 1 | \top | 忊 | | Т | | |
| | 137 138 | | | | | | | | | |
| | 138 | | | _ | ┖ | <u> </u> | L | ┖ | _ | <u> </u> |
| | 139 | | ┡ | <u> </u> | ╄ | 1 | ـــــ | <u> </u> | 1 | <u> </u> |
| <u> </u> | 140 | ╄ | ╄ | 4 | ╁- | ╁ | ╀ | ╀ | ╁ | ┢ |
| <u> </u> | 141 | ╀ | + | ╁ | + | + | ┾ | ╁ | ╀ | - |
| - | 143 | ╀╌ | ╁╴ | + | ╁╌ | + | +- | \vdash | ╁ | +- |
| - | 144 | + | \vdash | + | + | + | + | + | + | t |
| | 145 | ╁ | \vdash | + | ╁ | 1 | ╁ | + | \top | 1 |
| | 146 | t | T | † | T | + | T | Τ | \top | 1 |
| | 147 | † | T | T | T | Ī | T | | Γ | L |
| | 148 | | Ι | I | | | | I | | |
| | 149 | | | $oxedsymbol{oxedsymbol{oxed}}$ | L | I | | L | \perp | |
| | 150 | | | | | | <u></u> | 1_ | L | \perp |
| _ | | | | | | | | | | |